NAME OF WORK : IMPROVEMENTS AND RESTORATION OF ROAD IN WARD NO. 05 (PACKAGE 01) (PACKAGE CONSISTS OF 6 WORKS).

EMB

(Pre-Measurement Sheet and Measurement Sheet)

Third and Final Bill

(Book No: 03)

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements and Restoration of Road in Ward No. 05 (Package 01) (Package Consists of 6 works).

PRE MEASUREMENT SHEET

Third And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no. 09		Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications									
Measurements taken on											
		Quantity Measured in upto 2nd RA Bill									
		Present Bill Measurements								2177.19	
		Venkateshwara Nagar Mithuna Apartment Opp Road (East To West)									
0.00	15.00		Cum	1	15.00	1.20	1.20	1.20	0.20	3.60	
15.00	23.50		Cum	1	8.50	1.20	1.20	1.20	0.20	2.04	
		3rd Cross Road (South To North)									
0.00	2.30		Cum	1	2.30	1.20	1.20	1.20	0.23	0.63	
2.30	15.00		Cum	1	12.70	1.20	1.20	1.20	0.23	3.51	
15.00	30.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
30.00	45.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
45.00	60.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
60.00	75.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
75.00	90.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
90.00	100.60		Cum	1	10.60	1.20	1.20	1.20	0.23	2.93	
100.60	105.00		Cum	1	4.40	1.20	1.20	1.20	0.23	1.21	
105.00	109.70		Cum	1	4.70	1.20	1.20	1.20	0.23	1.30	
109.70	120.00		Cum	1	10.30	1.20	1.20	1.20	0.23	2.84	
120.00	135.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
135.00	136.50		Cum	1	1.50	1.20	1.20	1.20	0.23	0.41	
136.50	150.00		Cum	1	13.50	1.20	1.20	1.20	0.23	3.73	
150.00	165.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
165.00	180.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
180.00	195.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
195.00	210.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
210.00	220.10		Cum	1	10.10	1.20	1.20	1.20	0.23	2.79	
220.10	222.00		Cum	1	1.90	1.20	1.20	1.20	0.23	0.52	
		4th Cross Road (North To South)									
0.00	7.10		Cum	1	7.10	1.20	1.20	1.20	0.23	1.96	
7.10	15.00		Cum	1	7.90	1.20	1.20	1.20	0.23	2.18	
15.00	30.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
30.00	45.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
45.00	60.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
60.00	75.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
75.00	90.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
90.00	105.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
105.00	109.60		Cum	1	4.60	1.20	1.20	1.20	0.23	1.27	
109.60	118.80		Cum	1	9.20	1.20	1.20	1.20	0.23	2.54	
118.80	120.00		Cum	1	1.20	1.20	1.20	1.20	0.23	0.33	
120.00	135.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
135.00	150.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	

108.31

CIVIL PRO Sig Date BANGALORE

Contractor

PMC

10/12/22

Assistant Engineer

Assistant executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
165.00	165.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
165.00	180.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
180.00	195.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
195.00	210.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
210.00	222.00		Cum	1	12.00	1.20	1.20	1.20	0.23	3.31	
222.00	224.00		Cum	1	2.00	1.20	1.20	1.20	0.23	0.55	
		5th Cross Road (South To North)									
0.00	15.00		Cum	1	15.00	1.00	1.00	1.00	0.20	3.00	
15.00	30.00		Cum	1	15.00	1.00	1.00	1.00	0.20	3.00	
30.00	45.00		Cum	1	15.00	1.00	1.00	1.00	0.20	3.00	
45.00	59.00		Cum	1	14.00	1.00	1.00	1.00	0.20	2.80	
59.00	60.00		Cum	1	1.00	1.00	1.00	1.00	0.20	0.20	
60.00	67.90		Cum	1	7.90	1.00	1.00	1.00	0.20	1.58	
67.90	75.00		Cum	1	7.10	1.00	1.00	1.00	0.20	1.42	
75.00	90.00		Cum	1	15.00	1.00	1.00	1.00	0.20	3.00	
90.00	105.00		Cum	1	15.00	1.00	1.00	1.00	0.20	3.00	
105.00	107.00		Cum	1	2.00	1.00	1.00	1.00	0.20	0.40	
107.00	114.70		Cum	1	7.70	1.00	1.00	1.00	0.20	1.54	
114.70	120.00		Cum	1	5.30	1.00	1.00	1.00	0.20	1.06	
120.00	135.00		Cum	1	15.00	1.00	1.00	1.00	0.20	3.00	
135.00	150.00		Cum	1	15.00	1.00	1.00	1.00	0.20	3.00	
150.00	152.40		Cum	1	2.40	1.00	1.00	1.00	0.20	0.48	
152.40	165.00		Cum	1	12.60	1.00	1.00	1.00	0.20	2.52	
165.00	180.00		Cum	1	15.00	0.90	0.90	0.90	0.20	2.70	
180.00	195.00		Cum	1	15.00	0.90	0.90	0.90	0.20	2.70	
195.00	210.00		Cum	1	15.00	0.90	0.90	0.90	0.20	2.70	
210.00	216.00		Cum	1	6.00	0.90	0.90	0.90	0.20	1.08	
		Purpal Garden Apartment Road									
0.00	13.60		Cum	1	13.60	0.75	0.75	0.75	0.20	2.04	64.64
									Total Executed Quantity	2350.15	
									Qty Carried to Summary	2350.15	

CIVIL Pro Sig..... Date..... BANGALORE

Contractor

12/12/22

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements and Restoration of Road in Ward No. 05 (Package 01) (Package Consists of 6 works).

PRE MEASUREMENT SHEET

Third And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no. 10		Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specification and directions of the Engineer in charge.									
Measurements taken on											
		Quantity Measured in upto 2nd RA Bill								19777.85	
		Present Bill Measurements									
		Nisarga Layout									
		7th Cross, Zayan Travels Car Service Centre Road, North To South									
0.00	15.00		Sqm	1	15.00	5.00	4.85	4.93		73.88	
15.00	30.00		Sqm	1	15.00	4.85	4.60	4.73		70.88	
30.00	45.00		Sqm	1	15.00	4.60	5.15	4.88		73.13	
45.00	60.00		Sqm	1	15.00	5.15	5.00	5.08		76.13	
60.00	75.00		Sqm	1	15.00	5.00	5.10	5.05		75.75	
75.00	90.00		Sqm	1	15.00	5.10	5.00	5.05		75.75	
90.00	101.50		Sqm	1	11.50	5.00	4.70	4.85		55.78	
		West To East									
0.00	15.00		Sqm	1	15.00	4.90	4.80	4.85		72.75	
15.00	15.70		Sqm	1	0.70	4.80	4.80	4.80		3.36	
15.70	30.00		Sqm	1	14.30	5.30	5.60	5.45		77.94	
30.00	45.00		Sqm	1	15.00	5.60	5.15	5.38		80.63	
45.00	46.70		Sqm	1	1.70	5.15	5.15	5.15		8.76	
46.70	51.60		Sqm	1	4.90	4.15	3.95	4.05		19.85	
51.60	56.20		Sqm	1	4.60	5.30	5.25	5.28		24.27	
56.20	64.60		Sqm	1	8.40	4.20	4.30	4.25		35.70	
64.60	75.00		Sqm	1	10.40	5.30	5.35	5.33		55.38	
75.00	76.60		Sqm	1	1.60	5.35	5.36	5.36		8.57	
		5th Cross Road, North To South									
0.00	11.10		Sqm	1	11.10	5.70	5.90	5.80		64.38	
11.10	20.00		Sqm	1	8.90	5.10	5.35	5.23		46.50	
20.00	23.80		Sqm	1	3.80	7.00	6.95	6.98		26.51	
23.80	30.00		Sqm	1	6.20	6.05	5.95	6.00		37.20	
30.00	45.00		Sqm	1	15.00	5.95	5.50	5.73		85.88	
45.00	60.00		Sqm	1	15.00	5.50	6.00	5.75		86.25	
60.00	66.90		Sqm	1	6.90	6.00	6.30	6.15		42.44	
66.90	75.00		Sqm	1	8.10	4.90	5.70	5.30		42.93	
75.00	75.60		Sqm	1	0.60	5.70	5.65	5.68		3.40	
75.60	76.80		Sqm	1	1.20	2.95	3.00	2.98		3.57	
		Mithun White Pearl Apartment Road (East To West)									
0.00	15.00		Sqm	1	15.00	6.60	6.75	6.68		100.13	
15.00	30.00		Sqm	1	15.00	6.75	6.50	6.63		99.38	
30.00	45.00		Sqm	1	15.00	6.50	6.45	6.48		97.13	
45.00	60.00		Sqm	1	15.00	6.45	6.45	6.45		96.75	
60.00	75.00		Sqm	1	15.00	6.45	6.25	6.35		95.25	

Contractor

CIVIL Pro Sig..... Date..... BANGALORE M.C.C

Assistant Engineer

Assistant executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
.00	90.00		Sqm	1	15.00	6.25	6.20	6.23		93.38	
90.00	96.40		Sqm	1	6.40	6.20	5.85	6.03		38.56	131.94
		Deduction									
		0.75 Dia	Sqm	-5.00	0.44					-2.21	
					Area of Circle = (3.142*0.75^2)/4= 0.44						
										Total Executed Quantity	21723.71
										Qty Carried to Summary	21723.71

CIVIL Pro Sig..... Date..... BANGALORE PMC

Assistant Engineer

Assistant executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements and Restoration of Road in Ward No. 05 (Package 01) (Package Consists of 6 works).

PRE MEASUREMENT SHEET

Third And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no. 13		Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specification and directions of the Engineer in charge.									
Measurements taken on											
		Quantity Measured in upto 2nd RA Bill								23653.84	
		Present Bill Measurements									
		Nisarga Layout									
		7th Cross, Zayan Travels Car Service Centre Road,									
		North To South									
0.00	15.00		Sqm	1	15.00	5.00	4.85	4.93		73.88	
15.00	30.00		Sqm	1	15.00	4.85	4.60	4.73		70.88	
30.00	45.00		Sqm	1	15.00	4.60	5.15	4.88		73.13	
45.00	60.00		Sqm	1	15.00	5.15	5.00	5.08		76.13	
60.00	75.00		Sqm	1	15.00	5.00	5.10	5.05		75.75	
75.00	90.00		Sqm	1	15.00	5.10	5.00	5.05		75.75	
90.00	101.50		Sqm	1	11.50	5.00	4.70	4.85		55.78	
		West To East									
0.00	15.00		Sqm	1	15.00	4.90	4.80	4.85		72.75	
15.00	15.70		Sqm	1	0.70	4.80	4.80	4.80		3.36	
15.70	30.00		Sqm	1	14.30	5.30	5.60	5.45		77.94	
30.00	45.00		Sqm	1	15.00	5.60	5.15	5.38		80.63	
45.00	46.70		Sqm	1	1.70	5.15	5.15	5.15		8.76	
46.70	51.60		Sqm	1	4.90	4.15	3.95	4.05		19.85	
51.60	56.20		Sqm	1	4.60	5.30	5.25	5.28		24.27	
56.20	64.60		Sqm	1	8.40	4.20	4.30	4.25		35.70	
64.60	75.00		Sqm	1	10.40	5.30	5.35	5.33		55.38	
75.00	76.60		Sqm	1	1.60	5.35	5.36	5.36		8.57	
		5th Cross Road,									
		North To South									
0.00	11.10		Sqm	1	11.10	5.70	5.90	5.80		64.38	
11.10	20.00		Sqm	1	8.90	5.10	5.35	5.23		46.50	
20.00	23.80		Sqm	1	3.80	7.00	6.95	6.98		26.51	
23.80	30.00		Sqm	1	6.20	6.05	5.95	6.00		37.20	
30.00	45.00		Sqm	1	15.00	5.95	5.50	5.73		85.88	
45.00	60.00		Sqm	1	15.00	5.50	6.00	5.75		86.25	
60.00	66.90		Sqm	1	6.90	6.00	6.30	6.15		42.44	
66.90	75.00		Sqm	1	8.10	4.90	5.70	5.30		42.93	
75.00	75.60		Sqm	1	0.60	5.70	5.65	5.68		3.40	
75.60	76.80		Sqm	1	1.20	2.95	3.00	2.98		3.57	
		Mithun White Pearl Apartment Road									
		(East To West)									
0.00	15.00		Sqm	1	15.00	6.60	6.75	6.68		100.13	
15.00	30.00		Sqm	1	15.00	6.75	6.50	6.63		99.38	
30.00	45.00		Sqm	1	15.00	6.50	6.45	6.48		97.13	
45.00	60.00		Sqm	1	15.00	6.45	6.45	6.45		96.75	
60.00	75.00		Sqm	1	15.00	6.45	6.25	6.35		95.25	1816.14

Contractor

CIVIL Pro Sig Date PMC BANGALORE

22/12/22

Assistant Engineer

Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
.00	90.00		Sqm	1	15.00	6.25	6.20	6.23		93.38	
90.00	96.40		Sqm	1	6.40	6.20	5.85	6.03		38.56	131.94
		Deduction									
		0.75 Dia	Sqm	-5	0.44					-2.21	
					Area of Circle = (3.142*0.75^2)/4= 0.44						
									Total Executed Quantity	25599.70	
									Qty Carried to Summary	25599.70	

CIVIL P to
Sig.....
Date.....
BANGALORE

Contractor

PMC

Assistant Engineer

Assistant executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements and Restoration of Road in Ward No. 05 (Package 01) (Package Consists of 6 works).

PRE MEASUREMENT SHEET

Third And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no. 14		Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications									
Measurements taken on											
		Quantity Measured in upto 2nd RA Bill								6162.43	
		Present Bill Measurements									
		Nisarga Layout									
		7th Cross, Zayan Travels Car Service Centre Road,									
		North To South									
0.00	15.00		Cum	1	15.00	5.00	4.85	4.93	0.23	16.99	
15.00	30.00		Cum	1	15.00	4.85	4.60	4.73	0.23	16.30	
30.00	45.00		Cum	1	15.00	4.60	5.15	4.88	0.23	16.82	
45.00	60.00		Cum	1	15.00	5.15	5.00	5.08	0.23	17.51	
60.00	75.00		Cum	1	15.00	5.00	5.10	5.05	0.23	17.42	
75.00	90.00		Cum	1	15.00	5.10	5.00	5.05	0.23	17.42	
90.00	101.50		Cum	1	11.50	5.00	4.70	4.85	0.23	12.83	
		West To East									
0.00	15.00		Cum	1	15.00	4.90	4.80	4.85	0.23	16.73	
15.00	15.70		Cum	1	0.70	4.80	4.80	4.80	0.23	0.77	
15.70	30.00		Cum	1	14.30	5.30	5.60	5.45	0.23	17.93	
30.00	45.00		Cum	1	15.00	5.60	5.15	5.38	0.23	18.54	
45.00	46.70		Cum	1	1.70	5.15	5.15	5.15	0.23	2.01	
46.70	51.60		Cum	1	4.90	4.15	3.95	4.05	0.23	4.56	
51.60	56.20		Cum	1	4.60	5.30	5.25	5.28	0.23	5.58	
56.20	64.60		Cum	1	8.40	4.20	4.30	4.25	0.23	8.21	
64.60	75.00		Cum	1	10.40	5.30	5.35	5.33	0.23	12.74	
75.00	76.60		Cum	1	1.60	5.35	5.36	5.36	0.23	1.97	
		5th Cross Road,									
		North To South									
0.00	11.10		Cum	1	11.10	5.70	5.90	5.80	0.23	14.81	
11.10	20.00		Cum	1	8.90	5.10	5.35	5.23	0.23	10.70	
20.00	23.80		Cum	1	3.80	7.00	6.95	6.98	0.23	6.10	
23.80	30.00		Cum	1	6.20	6.05	5.95	6.00	0.23	8.56	
30.00	45.00		Cum	1	15.00	5.95	5.50	5.73	0.23	19.75	
45.00	60.00		Cum	1	15.00	5.50	6.00	5.75	0.23	19.84	
60.00	66.90		Cum	1	6.90	6.00	6.30	6.15	0.23	9.76	
66.90	75.00		Cum	1	8.10	4.90	5.70	5.30	0.23	9.87	
75.00	75.60		Cum	1	0.60	5.70	5.65	5.68	0.23	0.78	
75.60	76.80		Cum	1	1.20	2.95	3.00	2.98	0.23	0.82	
		Mithun White Pearl Apartment Road									
		(East To West)									
0.00	15.00		Cum	1	15.00	6.60	6.75	6.68	0.23	23.03	
15.00	30.00		Cum	1	15.00	6.75	6.50	6.63	0.23	22.86	
30.00	45.00		Cum	1	15.00	6.50	6.45	6.48	0.23	22.34	373.55

Contractor

CIVIL Pro Sig..... Date..... PMC BANGALORE

22/11/23

Assistant Engineer

Assistant executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
.00	60.00		Cum	1	15.00	6.45	6.45	6.45	0.23	22.25	
60.00	75.00		Cum	1	15.00	6.45	6.25	6.35	0.23	21.91	
75.00	90.00		Cum	1	15.00	6.25	6.20	6.23	0.23	21.48	
90.00	96.40		Cum	1	6.40	6.20	5.85	6.03	0.23	8.87	
		Venkateshwara Nagar Mithuna Apartment Opp Road									
		(East To West)									
0.00	15.00		Cum	1	15.00	1.20	1.20	1.20	0.20	3.60	
15.00	23.50		Cum	1	8.50	1.20	1.20	1.20	0.20	2.04	
		3rd Cross Road									
		(South To North)									
0.00	2.30		Cum	1	2.30	1.20	1.20	1.20	0.23	0.63	
2.30	15.00		Cum	1	12.70	1.20	1.20	1.20	0.23	3.51	
15.00	30.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
30.00	45.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
45.00	60.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
60.00	75.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
75.00	90.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
90.00	100.60		Cum	1	10.60	1.20	1.20	1.20	0.23	2.93	
100.60	105.00		Cum	1	4.40	1.20	1.20	1.20	0.23	1.21	
105.00	109.70		Cum	1	4.70	1.20	1.20	1.20	0.23	1.30	
109.70	120.00		Cum	1	10.30	1.20	1.20	1.20	0.23	2.84	
120.00	135.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
135.00	136.50		Cum	1	1.50	1.20	1.20	1.20	0.23	0.41	
136.50	150.00		Cum	1	13.50	1.20	1.20	1.20	0.23	3.73	
150.00	165.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
165.00	180.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
180.00	195.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
195.00	210.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
210.00	220.10		Cum	1	10.10	1.20	1.20	1.20	0.23	2.79	
220.10	222.00		Cum	1	1.90	1.20	1.20	1.20	0.23	0.52	
		4th Cross Road									
		(North To South)									
0.00	7.10		Cum	1	7.10	1.20	1.20	1.20	0.23	1.96	
7.10	15.00		Cum	1	7.90	1.20	1.20	1.20	0.23	2.18	
15.00	30.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
30.00	45.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
45.00	60.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
60.00	75.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
75.00	90.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
90.00	105.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
105.00	109.60		Cum	1	4.60	1.20	1.20	1.20	0.23	1.27	
109.60	118.80		Cum	1	9.20	1.20	1.20	1.20	0.23	2.54	
118.80	120.00		Cum	1	1.20	1.20	1.20	1.20	0.23	0.33	
120.00	135.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
135.00	150.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
150.00	165.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
165.00	180.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
180.00	195.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
195.00	210.00		Cum	1	15.00	1.20	1.20	1.20	0.23	4.14	
210.00	222.00		Cum	1	12.00	1.20	1.20	1.20	0.23	3.31	
222.00	224.00		Cum	1	2.00	1.20	1.20	1.20	0.23	0.55	203.24

Contractor

CIVIL Pro Sig. Date. PMC BANGALORE

23/6/23

Assistant Engineer

Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		5th Cross Road									
		(South To North)									
0.00	15.00		Cum	1	15.00	1.00	1.00	1.00	0.20	3.00	
15.00	30.00		Cum	1	15.00	1.00	1.00	1.00	0.20	3.00	
30.00	45.00		Cum	1	15.00	1.00	1.00	1.00	0.20	3.00	
45.00	59.00		Cum	1	14.00	1.00	1.00	1.00	0.20	2.80	
59.00	60.00		Cum	1	1.00	1.00	1.00	1.00	0.20	0.20	
60.00	67.90		Cum	1	7.90	1.00	1.00	1.00	0.20	1.58	
67.90	75.00		Cum	1	7.10	1.00	1.00	1.00	0.20	1.42	
75.00	90.00		Cum	1	15.00	1.00	1.00	1.00	0.20	3.00	
90.00	105.00		Cum	1	15.00	1.00	1.00	1.00	0.20	3.00	
105.00	107.00		Cum	1	2.00	1.00	1.00	1.00	0.20	0.40	
107.00	114.70		Cum	1	7.70	1.00	1.00	1.00	0.20	1.54	
114.70	120.00		Cum	1	5.30	1.00	1.00	1.00	0.20	1.06	
120.00	135.00		Cum	1	15.00	1.00	1.00	1.00	0.20	3.00	
135.00	150.00		Cum	1	15.00	1.00	1.00	1.00	0.20	3.00	
150.00	152.40		Cum	1	2.40	1.00	1.00	1.00	0.20	0.48	
152.40	165.00		Cum	1	12.60	1.00	1.00	1.00	0.20	2.52	
165.00	180.00		Cum	1	15.00	0.90	0.90	0.90	0.20	2.70	
180.00	195.00		Cum	1	15.00	0.90	0.90	0.90	0.20	2.70	
195.00	210.00		Cum	1	15.00	0.90	0.90	0.90	0.20	2.70	
210.00	216.00		Cum	1	6.00	0.90	0.90	0.90	0.20	1.08	
		Purpal Garden Apartment Road									
0.00	13.60		Cum	1	13.60	0.75	0.75	0.75	0.20	2.04	44.22
		Deduction									
		0.75 Dia	Cum	-5	0.44				0.20	-0.44	
					Area of Circle = (3.142*0.75^2)/4= 0.44						
									Total Executed Quantity	6783.00	
									Qty Carried to Summary	6783.00	

Contractor

CIVIL Pro Sig..... Date..... PMC BANGALORE

22/6/23

ಸಹಾಯಕ Assistant Engineer

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ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
Assistant executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements and Restoration of Road in Ward No. 05 (Package 01) (Package Consists of 6 works).

PRE MEASUREMENT SHEET

Third And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no. 15		Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications									
Measurements taken on											
		Quantity Measured in upto 2nd RA Bill									
		Present Bill Measurements								**31978.76**	
		Nisarga Layout									
		7th Cross, Zayan Travels Car Service Centre Road, North To South									
0.00	15.00		Sqm	1	15.00	5.00	4.85	4.93		73.88	
15.00	30.00		Sqm	1	15.00	4.85	4.60	4.73		70.88	
30.00	45.00		Sqm	1	15.00	4.60	5.15	4.88		73.13	
45.00	60.00		Sqm	1	15.00	5.15	5.00	5.08		76.13	
60.00	75.00		Sqm	1	15.00	5.00	5.10	5.05		75.75	
75.00	90.00		Sqm	1	15.00	5.10	5.00	5.05		75.75	
90.00	101.50		Sqm	1	11.50	5.00	4.70	4.85		55.78	
		West To East									
0.00	15.00		Sqm	1	15.00	4.90	4.80	4.85		72.75	
15.00	15.70		Sqm	1	0.70	4.80	4.80	4.80		3.36	
15.70	30.00		Sqm	1	14.30	5.30	5.60	5.45		77.94	
30.00	45.00		Sqm	1	15.00	5.60	5.15	5.38		80.63	
45.00	46.70		Sqm	1	1.70	5.15	5.15	5.15		8.76	
46.70	51.60		Sqm	1	4.90	4.15	3.95	4.05		19.85	
51.60	56.20		Sqm	1	4.60	5.30	5.25	5.28		24.27	
56.20	64.60		Sqm	1	8.40	4.20	4.30	4.25		35.70	
64.60	75.00		Sqm	1	10.40	5.30	5.35	5.33		55.38	
75.00	76.60		Sqm	1	1.60	5.35	5.36	5.36		8.57	
		5th Cross Road, North To South									
0.00	11.10		Sqm	1	11.10	5.70	5.90	5.80		64.38	
11.10	20.00		Sqm	1	8.90	5.10	5.35	5.23		46.50	
20.00	23.80		Sqm	1	3.80	7.00	6.95	6.98		26.51	
23.80	30.00		Sqm	1	6.20	6.05	5.95	6.00		37.20	
30.00	45.00		Sqm	1	15.00	5.95	5.50	5.73		85.88	
45.00	60.00		Sqm	1	15.00	5.50	6.00	5.75		86.25	
60.00	66.90		Sqm	1	6.90	6.00	6.30	6.15		42.44	
66.90	75.00		Sqm	1	8.10	4.90	5.70	5.30		42.93	
75.00	75.60		Sqm	1	0.60	5.70	5.65	5.68		3.40	
75.60	76.80		Sqm	1	1.20	2.95	3.00	2.98		3.57	
		Mithun White Pearl Apartment Road (East To West)									
0.00	15.00		Sqm	1	15.00	6.60	6.75	6.68		100.13	
15.00	30.00		Sqm	1	15.00	6.75	6.50	6.63		99.38	
30.00	45.00		Sqm	1	15.00	6.50	6.45	6.48		97.13	
45.00	60.00		Sqm	1	15.00	6.45	6.45	6.45		96.75	
60.00	75.00		Sqm	1	15.00	6.45	6.25	6.35		95.25	
75.00	90.00		Sqm	1	15.00	6.25	6.20	6.23		93.38	
90.00	96.40		Sqm	1	6.40	6.20	5.85	6.03		38.56	1948.07

Contractor

CIVIL Pro Sig Date PMC BANGALORE

Assistant Engineer

Assistant executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		Venkateshwara Nagar									
		Mithuna Apartment Opp Road									
		(East To West)									
0.00	15.00		Sqm	1	15.00	1.20	1.20	1.20		18.00	
15.00	23.50		Sqm	1	8.50	1.20	1.20	1.20		10.20	
		3rd Cross Road									
		(South To North)									
0.00	2.30		Sqm	1	2.30	1.20	1.20	1.20		2.76	
2.30	15.00		Sqm	1	12.70	1.20	1.20	1.20		15.24	
15.00	30.00		Sqm	1	15.00	1.20	1.20	1.20		18.00	
30.00	45.00		Sqm	1	15.00	1.20	1.20	1.20		18.00	
45.00	60.00		Sqm	1	15.00	1.20	1.20	1.20		18.00	
60.00	75.00		Sqm	1	15.00	1.20	1.20	1.20		18.00	
75.00	90.00		Sqm	1	15.00	1.20	1.20	1.20		18.00	
90.00	100.60		Sqm	1	10.60	1.20	1.20	1.20		12.72	
100.60	105.00		Sqm	1	4.40	1.20	1.20	1.20		5.28	
105.00	109.70		Sqm	1	4.70	1.20	1.20	1.20		5.64	
109.70	120.00		Sqm	1	10.30	1.20	1.20	1.20		12.36	
120.00	135.00		Sqm	1	15.00	1.20	1.20	1.20		18.00	
135.00	136.50		Sqm	1	1.50	1.20	1.20	1.20		1.80	
136.50	150.00		Sqm	1	13.50	1.20	1.20	1.20		16.20	
150.00	165.00		Sqm	1	15.00	1.20	1.20	1.20		18.00	
165.00	180.00		Sqm	1	15.00	1.20	1.20	1.20		18.00	
180.00	195.00		Sqm	1	15.00	1.20	1.20	1.20		18.00	
195.00	210.00		Sqm	1	15.00	1.20	1.20	1.20		18.00	
210.00	220.10		Sqm	1	10.10	1.20	1.20	1.20		12.12	
220.10	222.00		Sqm	1	1.90	1.20	1.20	1.20		2.28	
		4th Cross Road									
		(North To South)									
0.00	7.10		Sqm	1	7.10	1.20	1.20	1.20		8.52	
7.10	15.00		Sqm	1	7.90	1.20	1.20	1.20		9.48	
15.00	30.00		Sqm	1	15.00	1.20	1.20	1.20		18.00	
30.00	45.00		Sqm	1	15.00	1.20	1.20	1.20		18.00	
45.00	60.00		Sqm	1	15.00	1.20	1.20	1.20		18.00	
60.00	75.00		Sqm	1	15.00	1.20	1.20	1.20		18.00	
75.00	90.00		Sqm	1	15.00	1.20	1.20	1.20		18.00	
90.00	105.00		Sqm	1	15.00	1.20	1.20	1.20		18.00	
105.00	109.60		Sqm	1	4.60	1.20	1.20	1.20		5.52	
109.60	118.80		Sqm	1	9.20	1.20	1.20	1.20		11.04	
118.80	120.00		Sqm	1	1.20	1.20	1.20	1.20		1.44	
120.00	135.00		Sqm	1	15.00	1.20	1.20	1.20		18.00	
135.00	150.00		Sqm	1	15.00	1.20	1.20	1.20		18.00	
150.00	165.00		Sqm	1	15.00	1.20	1.20	1.20		18.00	
165.00	180.00		Sqm	1	15.00	1.20	1.20	1.20		18.00	
180.00	195.00		Sqm	1	15.00	1.20	1.20	1.20		18.00	
195.00	210.00		Sqm	1	15.00	1.20	1.20	1.20		18.00	
210.00	222.00		Sqm	1	12.00	1.20	1.20	1.20		14.40	
222.00	224.00		Sqm	1	2.00	1.20	1.20	1.20		2.40	
		5th Cross Road									
		(South To North)									
0.00	15.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
15.00	30.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
30.00	45.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	608.40

Contractor

CIVIL P.O BANGALORE Sig..... Date..... PMC

Assistant Engineer

Assistant executive Engineer

BBMP (Ward No 05)

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
0.00	59.00		Sqm	1	14.00	1.00	1.00	1.00		14.00	
59.00	60.00		Sqm	1	1.00	1.00	1.00	1.00		1.00	
60.00	67.90		Sqm	1	7.90	1.00	1.00	1.00		7.90	
67.90	75.00		Sqm	1	7.10	1.00	1.00	1.00		7.10	
75.00	90.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
90.00	105.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
105.00	107.00		Sqm	1	2.00	1.00	1.00	1.00		2.00	
107.00	114.70		Sqm	1	7.70	1.00	1.00	1.00		7.70	
114.70	120.00		Sqm	1	5.30	1.00	1.00	1.00		5.30	
120.00	135.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
135.00	150.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
150.00	152.40		Sqm	1	2.40	1.00	1.00	1.00		2.40	
152.40	165.00		Sqm	1	12.60	1.00	1.00	1.00		12.60	
165.00	180.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
180.00	195.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
195.00	210.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
210.00	216.00		Sqm	1	6.00	0.90	0.90	0.90		5.40	
		Purpal Garden Apartment Road									
0.00	13.60		Sqm	1	13.60	0.75	0.75	0.75		10.20	176.10
		Deduction									
		0.75 Dia	Sqm	-5	0.44					-2.21	
					Area of Circle = (3.142*0.75^2)/4= 0.44						
									Total Executed Quantity	34709.13	
									Qty Carried to Summary	34709.13	

CIVIL Pro
Sig.....
Date.....
BANGALORE

Contractor

PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements and Restoration of Road in Ward No. 05 (Package 01) (Package Consists of 6 works).

PRE MEASUREMENT SHEET

Third And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no. 16		Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by smooth wheeled, vibratory & tandem rollers to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. MORTH /Chapter 5 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 3.4 % VG-30 Bitumen									
Measurements taken on											
		Quantity Measured in upto 2nd RA Bill									
		Present Bill Measurements									
		Nisarga Layout								1598.94	
		7th Cross, Zayan Travels Car Service Centre Road, North To South									
0.00	15.00		Cum	1	15.00	5.00	4.85	4.93	0.05	3.69	
15.00	30.00		Cum	1	15.00	4.85	4.60	4.73	0.05	3.54	
30.00	45.00		Cum	1	15.00	4.60	5.15	4.88	0.05	3.66	
45.00	60.00		Cum	1	15.00	5.15	5.00	5.08	0.05	3.81	
60.00	75.00		Cum	1	15.00	5.00	5.10	5.05	0.05	3.79	
75.00	90.00		Cum	1	15.00	5.10	5.00	5.05	0.05	3.79	
90.00	101.50		Cum	1	11.50	5.00	4.70	4.85	0.05	2.79	
		West To East									
0.00	15.00		Cum	1	15.00	4.90	4.80	4.85	0.05	3.64	
15.00	15.70		Cum	1	0.70	4.80	4.80	4.80	0.05	0.17	
15.70	30.00		Cum	1	14.30	5.30	5.60	5.45	0.05	3.90	
30.00	45.00		Cum	1	15.00	5.60	5.15	5.38	0.05	4.03	
45.00	46.70		Cum	1	1.70	5.15	5.15	5.15	0.05	0.44	
46.70	51.60		Cum	1	4.90	4.15	3.95	4.05	0.05	0.99	
51.60	56.20		Cum	1	4.60	5.30	5.25	5.28	0.05	1.21	
56.20	64.60		Cum	1	8.40	4.20	4.30	4.25	0.05	1.79	
64.60	75.00		Cum	1	10.40	5.30	5.35	5.33	0.05	2.77	
75.00	76.60		Cum	1	1.60	5.35	5.36	5.36	0.05	0.43	
		5th Cross Road, North To South									
0.00	11.10		Cum	1	11.10	5.70	5.90	5.80	0.05	3.22	
11.10	20.00		Cum	1	8.90	5.10	5.35	5.23	0.05	2.33	
20.00	23.80		Cum	1	3.80	7.00	6.95	6.98	0.05	1.33	
23.80	30.00		Cum	1	6.20	6.05	5.95	6.00	0.05	1.86	
30.00	45.00		Cum	1	15.00	5.95	5.50	5.73	0.05	4.29	
45.00	60.00		Cum	1	15.00	5.50	6.00	5.75	0.05	4.31	
60.00	66.90		Cum	1	6.90	6.00	6.30	6.15	0.05	2.12	
66.90	75.00		Cum	1	8.10	4.90	5.70	5.30	0.05	2.15	
75.00	75.60		Cum	1	0.60	5.70	5.65	5.68	0.05	0.17	
75.60	76.80		Cum	1	1.20	2.95	3.00	2.98	0.05	0.18	
		Mithun White Pearl Apartment Road (East To West)									
0.00	15.00										
15.00	30.00		Cum	1	15.00	6.60	6.75	6.68	0.05	5.01	
30.00	45.00		Cum	1	15.00	6.75	6.50	6.63	0.05	4.97	
45.00	60.00		Cum	1	15.00	6.50	6.45	6.48	0.05	4.86	
60.00	75.00		Cum	1	15.00	6.45	6.45	6.45	0.05	4.84	
75.00	90.00		Cum	1	15.00	6.45	6.25	6.35	0.05	4.76	
			Cum	1	15.00	6.25	6.20	6.23	0.05	4.67	95.48

Contractor

CIVIL Pro Sig Date PMC BANGALORE

8/2/23

Assistant Engineer

Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
1.00	96.40		Cum	1	6.40	6.20	5.85	6.03	0.05	1.93	
		Venkateshwara Nagar Mithuna Apartment Opp Road (East To West)									
0.00	15.00		Cum	1	15.00	1.20	1.20	1.20	0.05	0.90	
15.00	23.50		Cum	1	8.50	1.20	1.20	1.20	0.05	0.51	
		3rd Cross Road (South To North)									
0.00	2.30		Cum	1	2.30	1.20	1.20	1.20	0.05	0.14	
2.30	15.00		Cum	1	12.70	1.20	1.20	1.20	0.05	0.76	
15.00	30.00		Cum	1	15.00	1.20	1.20	1.20	0.05	0.90	
30.00	45.00		Cum	1	15.00	1.20	1.20	1.20	0.05	0.90	
45.00	60.00		Cum	1	15.00	1.20	1.20	1.20	0.05	0.90	
60.00	75.00		Cum	1	15.00	1.20	1.20	1.20	0.05	0.90	
75.00	90.00		Cum	1	15.00	1.20	1.20	1.20	0.05	0.90	
90.00	100.60		Cum	1	10.60	1.20	1.20	1.20	0.05	0.64	
100.60	105.00		Cum	1	4.40	1.20	1.20	1.20	0.05	0.26	
105.00	109.70		Cum	1	4.70	1.20	1.20	1.20	0.05	0.28	
109.70	120.00		Cum	1	10.30	1.20	1.20	1.20	0.05	0.62	
120.00	135.00		Cum	1	15.00	1.20	1.20	1.20	0.05	0.90	
135.00	136.50		Cum	1	1.50	1.20	1.20	1.20	0.05	0.09	
136.50	150.00		Cum	1	13.50	1.20	1.20	1.20	0.05	0.81	
150.00	165.00		Cum	1	15.00	1.20	1.20	1.20	0.05	0.90	
165.00	180.00		Cum	1	15.00	1.20	1.20	1.20	0.05	0.90	
180.00	195.00		Cum	1	15.00	1.20	1.20	1.20	0.05	0.90	
195.00	210.00		Cum	1	15.00	1.20	1.20	1.20	0.05	0.90	
210.00	220.10		Cum	1	10.10	1.20	1.20	1.20	0.05	0.61	
220.10	222.00		Cum	1	1.90	1.20	1.20	1.20	0.05	0.11	
		4th Cross Road (North To South)									
0.00	7.10		Cum	1	7.10	1.20	1.20	1.20	0.05	0.43	
7.10	15.00		Cum	1	7.90	1.20	1.20	1.20	0.05	0.47	
15.00	30.00		Cum	1	15.00	1.20	1.20	1.20	0.05	0.90	
30.00	45.00		Cum	1	15.00	1.20	1.20	1.20	0.05	0.90	
45.00	60.00		Cum	1	15.00	1.20	1.20	1.20	0.05	0.90	
60.00	75.00		Cum	1	15.00	1.20	1.20	1.20	0.05	0.90	
75.00	90.00		Cum	1	15.00	1.20	1.20	1.20	0.05	0.90	
90.00	105.00		Cum	1	15.00	1.20	1.20	1.20	0.05	0.90	
105.00	109.60		Cum	1	4.60	1.20	1.20	1.20	0.05	0.28	
109.60	118.80		Cum	1	9.20	1.20	1.20	1.20	0.05	0.55	
118.80	120.00		Cum	1	1.20	1.20	1.20	1.20	0.05	0.07	
120.00	135.00		Cum	1	15.00	1.20	1.20	1.20	0.05	0.90	
135.00	150.00		Cum	1	15.00	1.20	1.20	1.20	0.05	0.90	
150.00	165.00		Cum	1	15.00	1.20	1.20	1.20	0.05	0.90	
165.00	180.00		Cum	1	15.00	1.20	1.20	1.20	0.05	0.90	
180.00	195.00		Cum	1	15.00	1.20	1.20	1.20	0.05	0.90	
195.00	210.00		Cum	1	15.00	1.20	1.20	1.20	0.05	0.72	
210.00	222.00		Cum	1	12.00	1.20	1.20	1.20	0.05	0.12	
222.00	224.00		Cum	1	2.00	1.20	1.20	1.20			
		5th Cross Road (South To North)									
0.00	15.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
15.00	30.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
30.00	45.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
45.00	59.00		Cum	1	14.00	1.00	1.00	1.00	0.05	0.70	
59.00	60.00		Cum	1	1.00	1.00	1.00	1.00	0.05	0.05	33.10

Contractor

CIVIL Pro Sig. Date PMC BANGALORE

Assistant Engineer

Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
0.00	67.90		Cum	1	7.90	1.00	1.00	1.00	0.05	0.40	
67.90	75.00		Cum	1	7.10	1.00	1.00	1.00	0.05	0.36	
75.00	90.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
90.00	105.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
105.00	107.00		Cum	1	2.00	1.00	1.00	1.00	0.05	0.10	
107.00	114.70		Cum	1	7.70	1.00	1.00	1.00	0.05	0.39	
114.70	120.00		Cum	1	5.30	1.00	1.00	1.00	0.05	0.27	
120.00	135.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
135.00	150.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
150.00	152.40		Cum	1	2.40	1.00	1.00	1.00	0.05	0.12	
152.40	165.00		Cum	1	12.60	1.00	1.00	1.00	0.05	0.63	
165.00	180.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
180.00	195.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
195.00	210.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
210.00	216.00		Cum	1	6.00	0.90	0.90	0.90	0.05	0.27	
		Purpal Garden Apartment Road									
0.00	13.60		Cum	1	13.60	0.75	0.75	0.75	0.05	0.51	4.06
		Deduction									
		0.75 Dia	Cum	8	0.44				0.05	-0.11	
					Area of Circle = (3.142*0.75^2)/4= 0.44						
									Total Executed Quantity	1735.46	
									Qty Carried to Summary	1735.46	

Contractor

CIVIL Pro Sig Date PMC BANGALORE

Assistant Engineer

Assistant executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements and Restoration of Road in Ward No. 05 (Package 01) (Package Consists of 6 works).

PRE MEASUREMENT SHEET

Third And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no. 17		Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specification and directions of the Engineer in charge.									
Measurements taken on											
		Venkateshwara Nagar									
		Mithuna Apartment Opp Road									
		(East To West)									
0.00	15.00		Sqm	1	15.00	6.30	6.10	6.20		93.00	
15.00	23.50		Sqm	1	8.50	6.10	6.30	6.20		52.70	
		3rd Cross Road									
		(South To North)									
0.00	2.30		Sqm	1	2.30	6.50	5.40	5.95		13.69	
2.30	15.00		Sqm	1	12.70	5.40	5.30	5.35		67.95	
15.00	30.00		Sqm	1	15.00	5.30	5.40	5.35		80.25	
30.00	45.00		Sqm	1	15.00	5.40	5.40	5.40		81.00	
45.00	60.00		Sqm	1	15.00	5.40	5.65	5.53		82.88	
60.00	75.00		Sqm	1	15.00	5.65	6.00	5.83		87.38	
75.00	90.00		Sqm	1	15.00	6.00	5.45	5.73		85.88	
90.00	100.60		Sqm	1	10.60	5.45	5.45	5.45		57.77	
100.60	105.00		Sqm	1	4.40	7.30	7.50	7.40		32.56	
105.00	109.70		Sqm	1	4.70	7.50	7.50	7.50		35.25	
109.70	120.00		Sqm	1	10.30	5.55	5.85	5.70		58.71	
120.00	135.00		Sqm	1	15.00	5.85	5.80	5.83		87.38	
135.00	136.50		Sqm	1	1.50	5.80	6.00	5.90		8.85	
136.50	150.00		Sqm	1	13.50	5.30	5.75	5.53		74.59	
150.00	165.00		Sqm	1	15.00	5.75	5.45	5.60		84.00	
165.00	180.00		Sqm	1	15.00	5.45	5.55	5.50		82.50	
180.00	195.00		Sqm	1	15.00	5.55	5.50	5.53		82.88	
195.00	210.00		Sqm	1	15.00	5.50	5.40	5.45		81.75	
210.00	220.10		Sqm	1	10.10	5.40	4.60	5.00		50.50	
220.10	222.00		Sqm	1	1.90	4.60	6.25	5.43		10.31	
			Sqm	1	5.30	2.80	2.80	2.80		14.84	
		4th Cross Road									
		(North To South)									
0.00	7.10		Sqm	1	7.10	7.60	5.60	6.60		46.86	
7.10	15.00		Sqm	1	7.90	5.60	5.85	5.73		45.23	
15.00	30.00		Sqm	1	15.00	5.85	6.10	5.98		89.63	
30.00	45.00		Sqm	1	15.00	6.10	5.60	5.85		87.75	
45.00	60.00		Sqm	1	15.00	5.60	5.80	5.70		85.50	
60.00	75.00		Sqm	1	15.00	5.80	5.65	5.73		85.88	
75.00	90.00		Sqm	1	15.00	5.65	5.95	5.80		87.00	
90.00	105.00		Sqm	1	15.00	5.95	5.95	5.95		89.25	
105.00	109.60		Sqm	1	4.60	5.95	6.30	6.13		28.18	
109.60	118.80		Sqm	1	9.20	7.65	7.15	7.40		68.08	
118.80	120.00		Sqm	1	1.20	5.55	5.55	5.55		6.66	
120.00	135.00		Sqm	1	15.00	5.55	5.85	5.70		85.50	
135.00	150.00		Sqm	1	15.00	5.85	6.15	6.00		90.00	
150.00	165.00		Sqm	1	15.00	6.15	5.80	5.98		89.63	
165.00	180.00		Sqm	1	15.00	5.80	5.35	5.58		83.63	
180.00	195.00		Sqm	1	15.00	5.35	5.65	5.50		82.50	
195.00	210.00		Sqm	1	15.00	5.65	5.65	5.65		84.75	

2642.58

Contractor

CIVIL Pro Sig..... Date..... PMC BANGALORE

Assistant Engineer 9/2/23

Assistant executive Engineer

BBMP (Ward No 05)

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
0.00	222.00		Sqm	1	12.00	5.65	5.80	5.73		68.70	
222.00	224.00		Sqm	1	2.00	5.80	6.75	6.28		12.55	
		5th Cross Road									
		(South To North)									
0.00	15.00		Sqm	1	15.00	5.80	6.60	6.20		93.00	
15.00	30.00		Sqm	1	15.00	6.60	6.15	6.38		95.63	
30.00	45.00		Sqm	1	15.00	6.15	6.10	6.13		91.88	
45.00	59.00		Sqm	1	14.00	6.10	5.95	6.03		84.35	
59.00	60.00		Sqm	1	1.00	5.25	5.15	5.20		5.20	
60.00	67.90		Sqm	1	7.90	5.15	5.20	5.18		40.88	
67.90	75.00		Sqm	1	7.10	6.25	6.40	6.33		44.91	
75.00	90.00		Sqm	1	15.00	6.40	6.30	6.35		95.25	
90.00	105.00		Sqm	1	15.00	6.30	6.30	6.30		94.50	
105.00	107.00		Sqm	1	2.00	6.30	6.90	6.60		13.20	
107.00	114.70		Sqm	1	7.70	8.40	8.20	8.30		63.91	
114.70	120.00		Sqm	1	5.30	5.05	5.00	5.03		26.63	
120.00	135.00		Sqm	1	15.00	5.00	6.10	5.55		83.25	
135.00	150.00		Sqm	1	15.00	6.10	5.45	5.78		86.63	
150.00	152.40		Sqm	1	2.40	5.45	5.35	5.40		12.96	
152.40	165.00		Sqm	1	12.60	6.95	6.30	6.63		83.48	
165.00	180.00		Sqm	1	15.00	6.30	6.15	6.23		93.38	
180.00	195.00		Sqm	1	15.00	6.15	5.65	5.90		88.50	
195.00	210.00		Sqm	1	15.00	5.65	5.25	5.45		81.75	
210.00	216.00		Sqm	1	6.00	5.25	5.45	5.35		32.10	
		Purpal Garden Apartment Road									
0.00	13.60		Sqm	1	13.60	4.85	4.60	4.73		64.26	1456.88
		Deduction									
		Manhole									
		0.75 Dia	Sqm	-6	0.44					-2.65	
					Area of Circle = (3.142*0.75^2)/4= 0.44						
		1m Dia	Sqm	-7	0.79					-5.50	
					Area of Circle = (3.142*1^2)/4= 0.79						
									Total Executed Quantity	**4091.32**	
									Qty Carried to Summary	**4091.32**	

CIVIL Pro Sig Date PMC BANGALORE

Assistant Engineer

Assistant executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements and Restoration of Road in Ward No. 05 (Package 01) (Package Consists of 6 works).

PRE MEASUREMENT SHEET

Third And Final Bill

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no. 18		Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications									
Measurements taken on											
		Quantity Measured in upto 2nd RA Bill								37144.06	
		Present Bill Measurements									
		Nisarga Layout									
		7th Cross, Zayan Travels Car Service Centre Road,									
		North To South									
0.00	15.00		Sqm	1	15.00	5.00	4.85	4.93		73.88	
15.00	30.00		Sqm	1	15.00	4.85	4.60	4.73		70.88	
30.00	45.00		Sqm	1	15.00	4.60	5.15	4.88		73.13	
45.00	60.00		Sqm	1	15.00	5.15	5.00	5.08		76.13	
60.00	75.00		Sqm	1	15.00	5.00	5.10	5.05		75.75	
75.00	90.00		Sqm	1	15.00	5.10	5.00	5.05		75.75	
90.00	101.50		Sqm	1	11.50	5.00	4.70	4.85		55.78	
		West To East									
0.00	15.00		Sqm	1	15.00	4.90	4.80	4.85		72.75	
15.00	15.70		Sqm	1	0.70	4.80	4.80	4.80		3.36	
15.70	30.00		Sqm	1	14.30	5.30	5.60	5.45		77.94	
30.00	45.00		Sqm	1	15.00	5.60	5.15	5.38		80.63	
45.00	46.70		Sqm	1	1.70	5.15	5.15	5.15		8.76	
46.70	51.60		Sqm	1	4.90	4.15	3.95	4.05		19.85	
51.60	56.20		Sqm	1	4.60	5.30	5.25	5.28		24.27	
56.20	64.60		Sqm	1	8.40	4.20	4.30	4.25		35.70	
64.60	75.00		Sqm	1	10.40	5.30	5.35	5.33		55.38	
75.00	76.60		Sqm	1	1.60	5.35	5.36	5.36		8.57	
		5th Cross Road,									
		North To South									
0.00	11.10		Sqm	1	11.10	5.70	5.90	5.80		64.38	
11.10	20.00		Sqm	1	8.90	5.10	5.35	5.23		46.50	
20.00	23.80		Sqm	1	3.80	7.00	6.95	6.98		26.51	
23.80	30.00		Sqm	1	6.20	6.05	5.95	6.00		37.20	
30.00	45.00		Sqm	1	15.00	5.95	5.50	5.73		85.88	
45.00	60.00		Sqm	1	15.00	5.50	6.00	5.75		86.25	
60.00	66.90		Sqm	1	6.90	6.00	6.30	6.15		42.44	
66.90	75.00		Sqm	1	8.10	4.90	5.70	5.30		42.93	
75.00	75.60		Sqm	1	0.60	5.70	5.65	5.68		3.40	
75.60	76.80		Sqm	1	1.20	2.95	3.00	2.98		3.57	
		Mithun White Pearl Apartment Road									
		(East To West)									
0.00	15.00		Sqm	1	15.00	6.60	6.75	6.68		100.13	
15.00	30.00		Sqm	1	15.00	6.75	6.50	6.63		99.38	
30.00	45.00		Sqm	1	15.00	6.50	6.45	6.48		97.13	
45.00	60.00		Sqm	1	15.00	6.45	6.45	6.45		96.75	
60.00	75.00		Sqm	1	15.00	6.45	6.25	6.35		95.25	
75.00	90.00		Sqm	1	15.00	6.25	6.20	6.23		93.38	
90.00	96.40		Sqm	1	6.40	6.20	5.85	6.03		38.56	
											1948.07

Contractor

CIVIL Pro Sig Date PMC BANGALORE

8/2/22

Assistant Engineer

Assistant Executive Engineer

BBMP (Ward No 05)

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		Venkateshwara Nagar									
		Mithuna Apartment Opp Road									
		(East To West)									
			Sqm	1	15.00	6.30	6.10	6.20		93.00	
			Sqm	1	8.50	6.10	6.30	6.20		52.70	
0.00	15.00										
15.00	23.50										
		3rd Cross Road									
		(South To North)									
			Sqm	1	2.30	6.50	5.40	5.95		13.69	
0.00	2.30		Sqm	1	12.70	5.40	5.30	5.35		67.95	
2.30	15.00		Sqm	1	15.00	5.30	5.40	5.35		80.25	
15.00	30.00		Sqm	1	15.00	5.40	5.40	5.40		81.00	
30.00	45.00		Sqm	1	15.00	5.40	5.65	5.53		82.88	
45.00	60.00		Sqm	1	15.00	5.65	6.00	5.83		87.38	
60.00	75.00		Sqm	1	15.00	6.00	5.45	5.73		85.88	
75.00	90.00		Sqm	1	10.60	5.45	5.45	5.45		57.77	
90.00	100.60		Sqm	1	4.40	7.30	7.50	7.40		32.56	
100.60	105.00		Sqm	1	4.70	7.50	7.50	7.50		35.25	
105.00	109.70		Sqm	1	10.30	5.55	5.85	5.70		58.71	
109.70	120.00		Sqm	1	15.00	5.85	5.80	5.83		87.38	
120.00	135.00		Sqm	1	1.50	5.80	6.00	5.90		8.85	
135.00	136.50		Sqm	1	13.50	5.30	5.75	5.53		74.59	
136.50	150.00		Sqm	1	15.00	5.75	5.45	5.60		84.00	
150.00	165.00		Sqm	1	15.00	5.45	5.55	5.50		82.50	
165.00	180.00		Sqm	1	15.00	5.55	5.50	5.53		82.88	
180.00	195.00		Sqm	1	15.00	5.50	5.40	5.45		81.75	
195.00	210.00		Sqm	1	10.10	5.40	4.60	5.00		50.50	
210.00	220.10		Sqm	1	1.90	4.60	6.25	5.43		10.31	
220.10	222.00										
			Sqm	1	5.30	2.80	2.80	2.80		14.84	
		4th Cross Road									
		(North To South)									
0.00	7.10		Sqm	1	7.10	7.60	5.60	6.60		46.86	
7.10	15.00		Sqm	1	7.90	5.60	5.85	5.73		45.23	
15.00	30.00		Sqm	1	15.00	5.85	6.10	5.98		89.63	
30.00	45.00		Sqm	1	15.00	6.10	5.60	5.85		87.75	
45.00	60.00		Sqm	1	15.00	5.60	5.80	5.70		85.50	
60.00	75.00		Sqm	1	15.00	5.80	5.65	5.73		85.88	
75.00	90.00		Sqm	1	15.00	5.65	5.95	5.80		87.00	
90.00	105.00		Sqm	1	15.00	5.95	5.95	5.95		89.25	
105.00	109.60		Sqm	1	4.60	5.95	6.30	6.13		28.18	
109.60	118.80		Sqm	1	9.20	7.65	7.15	7.40		68.08	
118.80	120.00		Sqm	1	1.20	5.55	5.55	5.55		6.66	
120.00	135.00		Sqm	1	15.00	5.55	5.85	5.70		85.50	
135.00	150.00		Sqm	1	15.00	5.85	6.15	6.00		90.00	
150.00	165.00		Sqm	1	15.00	6.15	5.80	5.98		89.63	
165.00	180.00		Sqm	1	15.00	5.80	5.35	5.58		83.63	
180.00	195.00		Sqm	1	15.00	5.35	5.65	5.50		82.50	
195.00	210.00		Sqm	1	15.00	5.65	5.65	5.65		84.75	
210.00	222.00		Sqm	1	12.00	5.65	5.80	5.73		68.70	
222.00	224.00		Sqm	1	2.00	5.80	6.75	6.28		12.55	
		5th Cross Road									
0.00	15.00	(South To North)									
15.00	30.00		Sqm	1	15.00	5.80	6.60	6.20		93.00	
30.00	45.00		Sqm	1	15.00	6.60	6.15	6.38		95.63	
45.00	59.00		Sqm	1	15.00	6.15	6.10	6.13		91.88	
59.00	60.00		Sqm	1	14.00	6.10	5.95	6.03		84.35	
			Sqm	1	1.00	5.25	5.15	5.20		5.20	

3093.88

Contractor

CIVIL Pro
Sig.
Date
PMC
BANGALORE

28/6/23
Assistant Engineer

28/6/23
Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
0.00	67.90		Sqm	1	7.90	5.15	5.20	5.18		40.88	
67.90	75.00		Sqm	1	7.10	6.25	6.40	6.33		44.91	
75.00	90.00		Sqm	1	15.00	6.40	6.30	6.35		95.25	
90.00	105.00		Sqm	1	15.00	6.30	6.30	6.30		94.50	
105.00	107.00		Sqm	1	2.00	6.30	6.90	6.60		13.20	
107.00	114.70		Sqm	1	7.70	8.40	8.20	8.30		63.91	
114.70	120.00		Sqm	1	5.30	5.05	5.00	5.03		26.63	
120.00	135.00		Sqm	1	15.00	5.00	6.10	5.55		83.25	
135.00	150.00		Sqm	1	15.00	6.10	5.45	5.78		86.63	
150.00	152.40		Sqm	1	2.40	5.45	5.35	5.40		12.96	
152.40	165.00		Sqm	1	12.60	6.95	6.30	6.63		83.48	
165.00	180.00		Sqm	1	15.00	6.30	6.15	6.23		93.38	
180.00	195.00		Sqm	1	15.00	6.15	5.65	5.90		88.50	
195.00	210.00		Sqm	1	15.00	5.65	5.25	5.45		81.75	
210.00	216.00		Sqm	1	6.00	5.25	5.45	5.35		32.10	
		Purpal Garden Apartment Road									
0.00	13.60		Sqm	1	13.60	4.85	4.60	4.73		64.26	1005.58
		Deduction									
		Manhole									
		0.75 Dia	Sqm	-6	0.44					-2.65	
					Area of Circle = (3.142*0.75^2)/4= 0.44						
		1m Dia	Sqm	-7	0.79					-5.50	
					Area of Circle = (3.142*1^2)/4= 0.79						
									Total Executed Quantity	43183.45	
									Qty Carried to Summary	43183.45	

Contractor

CIVIL Pro Sig. Date PMC BANGALORE

Assistant Engineer

Assistant executive Engineer